



Morocco[★]

ENERGY WEEK SUMMIT & EXHIBITION

Agenda

11th-13th June 2024
Morocco



Official Co-Organiser:



Organised by:



IN-VR



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Morocco Energy Week Summit and Exhibition

Green Hydrogen, Solar, Wind and Hydropower in the world's most exciting Energy Transition hub



11th- 13th of June 2024, Morocco

The Net-Zero Circle, by IN-VR, and MASEN are delighted to host the Green Energy community in Morocco from 11th to 13th of June and dive into a three day event full of networking activities and upcoming opportunities in one of the most promising destinations for green investments

The **Morocco Energy Week Summit & Exhibition** is the official platform of the country's Green Energy sector, with 1:1 access to decision-makers and investors involved in one of the most promising energy hubs in the region.

11th June 2024

Icebreaker: VIP Drinks Reception

An exclusive networking experience with MASEN, and numerous IECs, investors and key players in the renewables industry in Morocco and beyond.

Workshop #1 - How to enter the Moroccan renewables energy market

Workshop #2 - Infrastructure or Green Hydrogen Storage and Transportation

12th June 2024

- **Updates on Morocco's 400 MW Solar-Plus-Storage Tender**
- Wind power development
- CSP and PV technologies
- Storage solutions
- Gas in the renewable future
- Biomass opportunities
- **Moroccan Themed Drinks Reception and Gala Dinner**

13th June 2024

- **Green Hydrogen Roadmap**
- Hydropower projects showcases
- Regulatory and fiscal framework
- Investment and financing tools
- Green Hydrogen Infrastructure
- LOHC technology for Morocco-Europe transport chain
- Power-to-X
- Critical Minerals
- **Farewell Party TBC**

Shaping Morocco's Energy Landscape



2+1

Full conference agenda + 2 Workshops



+30

Speakers



+300

Attendees



+15

Exhibitors



+50

One-on-One meetings

INTRO DAY

FOCUS: Capacity Building and **VVIP Networking Day**

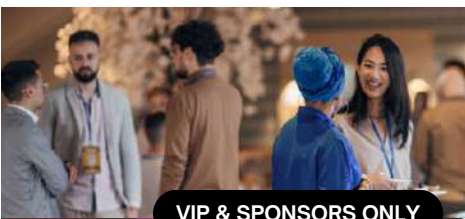
09:00 Workshop #1:
How to enter the Moroccan renewables energy market

LIMITED SPACE (30PAX)

11:00 Workshop #2:
Infrastructure or Green Hydrogen Storage and Transportation

LIMITED SPACE (30PAX)

18.00 VVIP Icebreaker Drinks Reception



VIP & SPONSORS ONLY

DAY 1

FOCUS: **Energy Transition, Solar and Wind Power** projects and updates

08:45 Main Conference
(Presentations & Panel Discussions)
Till 18:30

10:15 Press Conference

19:00 Drinks Reception

20:00 Moroccan Themed Galla Dinner



B2B and B2G pre-scheduled 1:1 meetings. Exclusive offer to our VIP attendees and sponsors.

VIP & SPONSORS ONLY

DAY 2

FOCUS: **Green Hydrogen, Hydropower and Financing**

08:45 Main Conference
(Presentations & Panel Discussions)
Till 17.30

19:30 Farewell Party

B2B and B2G pre-scheduled 1:1 meetings. Exclusive offer to our VIP attendees and sponsors.



VIP & SPONSORS ONLY

About our previous summits

What our sponsors and partners say:



We are proud to be supporting this important event for Morocco and once again teaming up with IN-VR , who deliver conferences ideally suited to all, be it IOC, NOC, academia or the service sector.

Duncan Wallace
Technical Director
Chariot



It was a great event that offered a room for casual conversations with the main decision makers in the market. It allowed us to promote our latest developments, get closer to prospects and meet 1:1 with local authorities

Mohamed Moufid
CEO
SOMALEV



"I would like to thank IN-VR for being a platform for energy leaders and for organizing this event. It is a great place to connect with the main Moroccan energy stakeholders. It serves as an excellent space to exchange ideas, and focus on new opportunities"

Mohamed Redha Namous
Country Manager
SLB

Previous sponsors from our Morocco Events portfolio include:





Tarik Hamane

Acting Chief Executive Officer

Moroccan Agency of Sustainable Energy - MASEN



Ahmed Badr

Director, Project Facilitation and Support

International Renewable Energy Agency (IRENA)



Dr Carole Nakhle

Chief Executive Officer

Cystal Energy



Mohammed Yahya Zniber

President

CLUSTER GREEN H2



Zaher Fawwaz

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Deputy CEO

Hydrogen Europe



Loïc Jaegert-Huber

North Africa Regional Manager (Regional CEO & CFO)

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Executive President

Green Innov Industry Investment



Jauad El Kharraz

Executive Director

Regional Center for Renewable Energy & Energy Efficiency (RCREEE)



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Siggie Huegemann

Co-founder and Secretary General

African Hydrogen Partnership (AHP)



Abdellatif Nasseridine

Chair -ESG & Sustainability

Moroccan PE & VC Association - AMIC



Nacif Safouane

Program Lead Morocco

Global Green Growth Institute



Paolo Cutrone

RES4Med Programme
Manager

RES4Africa
Foundation



Younes Benothman

Associate Banker

European Bank for
Reconstruction and
Development - EBRD



Meryeme Azaroual

Power to X R&D

IRESEN

Intro Day - Tuesday 11th June

→ VVIP Capacity Building and Networking Day

09:00

Workshop #1- How to enter the Moroccan Renewables Energy market

This workshop guides international participants on optimal entry into the Moroccan renewable energy market, offering insights into T&Cs, key regulatory bodies, and both challenges and opportunities for successful investment

11:00

Workshop #2 - Infrastructure on Green Hydrogen Storage and Transportation

Explore the Moroccan Hydrogen industry in-depth with this workshop, offering a comprehensive overview of its current landscape and opportunities. Delve into crucial aspects like infrastructure, green hydrogen storage, and transportation for a holistic understanding of this evolving sector

18:00

Icebreaker Reception



Wednesday 12th June 2024

→ Energy Transition: Solar & Wind Power

08:00

Registration & Welcome Coffee

08:45

Morocco's National Anthem

09:00

Opening Remarks



Chryssa Tsouraki,
CEO, IN-VR



Stelios Papagrighoriou,
Executive Chairman, IN-VR



09:15

Welcome Remarks

by Chairperson

09:30

Welcome & Opening Remarks reserved for: H.E. Leila Benali, Minister of Energy Transition and Sustainable Development



09:45

Keynote Address



Mr. Tarik Hamane,
Chief Executive Officer, MASEN



10:00 Morning Networking Break & Press Conference
Session 1

Powering Morocco's Energy Transition

10:45 Presentation: Navigating Morocco's renewable journey

- Current state of Morocco's renewable energy sector installed capacity, diverse energy sources (solar, wind, hydro), and existing infrastructure
- Morocco's roadmap to add 9 Gigawatt (GW) of energy capacity by 2027
- Regulatory and policy reforms, incentives and legal framework for international investments

11:00 Presentation: Global trends in renewable energy deployment and technological advancements

- Morocco's involvement in international initiatives to accelerate global renewable energy deployment
- Assessing rapid growth of renewable energy capacity worldwide, exceeding fossil fuels in new installations
- Highlight developments of solutions to integrate renewable energy into existing electricity grids

11:15 Panel Discussion: The role of gas in a renewable future

- Discussing the critical complementary role of gas, spotlight on The Anchois Gas Project
- Exploring diverse applications: power generation, heating, and transportation
- Integrating gas as a key component in the energy transition

12:00 Presentation: Biomass opportunities in Morocco

- Exploring the combined potential from solid bio-energy, biogas, and biofuels
- Shaping Morocco's biomass landscape for a diversified and sustainable energy mix
- Gasification technologies transforming organic waste into synthetic gas for diverse applications

12:15 Lunch Break

Sponsored by:


Session 2

Morocco's Solar Energy success story

13:45 Presentation: Noor Ouarzazate: the world's largest concentrated Solar Power plant built in Morocco

- Exploring the 580 MW Noor Ouarzazate Solar Plant, the largest concentrating solar power plant on the planet

14:00 Presentation: Latest updates on 1600 MW Solar Plant Noor Midelt

- Discussing the expectations for the highly anticipated tender and its potential impact on the renewable energy landscape
- Addressing challenges and opportunities in solar-plus-storage integration

14:15

Panel Discussion: Showcase of innovative technologies and storage solutions for residential, commercial, and utility-scale projects

- Overview of innovative storage solutions supporting renewable energy generation
- Synergy between solar PV and energy storage for continuous power supply
- Exploring features that contribute to maintaining a consistent and reliable energy output

14:45

Presentation: Fueling initiatives in Morocco's Engineering and Construction landscape

- Exploration of innovative approaches to project planning, execution, and management
- Showcasing successful implementation of EPC technologies in renewable energy projects
- Integration of remote monitoring and control systems for real-time performance monitoring and maintenance optimization.

15:00

Presentation: The rise of CSP and PV technology and its global impact

- Exploring cost-competitive CSP solutions without fossil fuel dependence
- Impact of CSP deployment beyond the electricity generation
- Success stories of CSP projects and their positive impacts

15:15

Afternoon Networking Break

Session 3

Morocco's wind power outlook

15:55

Presentation: Repowering of Nassim Koudia Al Baida

- Repowering process involving recharging and replacement of existing turbines with more efficient models
- Potential impact of Nassim Koudia Al Baida wind farm repowering on the renewable energy sector in Morocco
- Methodologies employed to enhance operational efficiency and performance of the wind farm

16:10

Case Study: Navigating Wind Dynamics - Optimizing Wind Power Solutions

- Utilization of specialized equipment for safe and efficient operations
- Assessing project engineering . management methodologies and technical aspects
- Advancing sustainable logistics solutions within the renewable energy sector

16:25

Panel Discussion: Roundtable of project owners and investors

- Importance of cooperation among the Operators, Investors, Government and other stakeholders
- How competitive are wind energy projects in Morocco and in the region
- Project owners' plans to expand their production activities in Morocco
- Successful case studies from wind energy projects in Morocco

Q&A Session

17:05

Presentation: Wind Power in Morocco: A Model of Sustainable Development

- Implementation of wind power projects as a key component of Morocco's sustainable development strategy
- Utilization of renewable energy sources to reduce reliance on fossil fuels
- Analysis of project implementation strategies and objectives aligned with sustainability goals

Session 4

Energy efficiency for a sustainable future

17:20

Presentation: Strategic landscape of Morocco's National Energy and Energy Efficiency Plan

- Outlining the primary goals of the National Energy and Energy Efficiency Plan
- Unveiling the "Triple Check": local development, industrial integration, and international cooperation
- How Morocco's strategy envisions equitable growth in wind, solar, and hydro energy, prioritising efficiency for a greener future

17:35

Presentation: Regional Roadmap for Energy Efficiency: Enhancing Sustainability Across Borders

- Collaborative efforts and partnerships to promote regional Energy Efficiency
- Integrating Renewable Energy and Carbon Reduction Initiatives
- Policy recommendations and regulatory frameworks to support Energy Efficiency measures

END OF DAY 1

20:30

Drinks Reception and Moroccan Themed Networking Dinner



Thursday 13th June 2023

Green Hydrogen, Hydropower & Financing

08:00

Welcome Coffee

08:15
Chair Remarks and kick-start
08:30
Welcome & Opening Remarks Reserved for: Minister of Industry and Trade
Session 5

Regulatory and fiscal framework for Morocco

08:45

Panel Discussion: Addressing strategies to promote and guarantee investments in Morocco's renewable energy sector

- Regulatory initiatives promoting sustainability in the energy sector
- How are tax incentives, subsidies, and financial mechanisms supporting the sector
- Highlighting policies that promote renewable energy adoption

09:00

Spotlight Presentation: Knowledge Partner

- Analysis of current trends, insights and actionable reports for practical application in shaping the future of sustainable energy

Session 6

Investment and financing focus

09:30

Presentation: Opportunities in the power sector investment

- How rising energy needs present lucrative investment opportunities in solar, wind, and green hydrogen production
- Case study: Guelmim-Oued Noun project, set to be one of the world's largest renewable energy hubs with a projected 5000 MW capacity
- Overview of regulatory frameworks supporting power sector investments

09:45

Presentation: Balancing the Moroccan Power system

- Role of interconnections in enhancing energy security, fostering regional cooperation, and enabling clean energy exports
- Integrating renewable energy sources into the grid, including storage options, forecasting, and grid management systems
- Why is Morocco considered one of the most attractive countries for renewable investment?

10:00

Presentation: Investment and financing trends in Morocco: Forecast 2024

- Morocco's ideal conditions positioning the nation as a top destination for renewable energy investment
- Driving investment towards environmentally responsible and sustainable initiatives
- Decision-making in investment strategies based on comprehensive ESG considerations

10:15
Afternoon Networking Break

Session 7

Green Hydrogen development in Morocco

11:00

Presentation: Morocco's plans to become North Africa's top player in the green hydrogen sector

- Highlighting the country's exceptional renewable energy resources ideal for green hydrogen production
- Substantial commitment of 1.5 million acres (6,000 square kilometres) of public land dedicated to green hydrogen and ammonia projects
- Exploring regional collaborations and the potential impact on the broader North African landscape

11:15

Panel discussion: Morocco's strategic position in the Global Green Hydrogen landscape

- Insights into the potential advantages for Morocco in accessing the European green hydrogen market
- How geographical proximity facilitates efficient energy exchange and partnership development
- Strategies for securing offtakers for Morocco's green hydrogen
- Assessing the needs on investments in transportation, storage, and distribution infrastructure to capitalise on the proximity

12:00

Presentation: International Collaboration and Synergies for Green Hydrogen in Morocco

- Discuss Morocco's potential for green hydrogen production and export
- Showcase existing collaborations between Morocco and other countries or organizations in the field of green hydrogen
- Potential impact of international collaboration on the growth of the green hydrogen sector in Morocco

12:15

Panel Discussion: Exploring cutting-edge technologies fueling Morocco's green hydrogen revolution

- Assessing the role of digitalization in enhancing the overall efficiency of green hydrogen production
- LOHC technology for Morocco-Europe transport chain
- Highlighting high-efficiency electrolyzers, renewable energy integration strategies, and water management solutions.
- Exploring pipeline transportation, fuel cell technology and potential maritime transport solutions

13:00

Project Showcase: White Dunes project

- Analysing the strategic impact of the White Dunes project on Morocco's energy landscape
- Presenting the timeline, including construction start and hydrogen production projections
- Identifying opportunities for collaboration and potential partnerships to elevate the success of White Dunes

13:15
Lunch Break

Sponsored by:


14:30

Presentation: Exploring Hydrogen Solutions and Value Chain Optimization

- Introduce digital tools and technologies used for assessing the feasibility and front-end engineering design (FEED) of hydrogen projects.
- How green hydrogen is enabling and transforming large-scale industrial projects
- Project modeling, financial analysis, risk assessment, and scenario planning.

Session 8

Infrastructure, Transportation and Storage

14:45

Presentation: Innovative Electrification Strategies for Sustainable Development

- Potential and direction of electrification solutions in Morocco and beyond
- Highlighting applications including off-grid and hybrid solutions, energy storage technology, and more
- Exploring the significance of efficient energy distribution in the sustainability paradigm

15:00

Presentation: Optimized Renewable Energy Logistics in Morocco

- Overview of heavy-load transportation, lifting, and installation services for wind, solar, hydraulic, and other renewable energy projects
- How does integrated logistics can contribute to energy transition with environmentally friendly approaches
- Case Study: Overview of successful past projects

15:15

Presentation: Challenges and solutions in Moroccan renewable infrastructure

- Discussing collaborative financing models involving international entities and development banks
- Delving into the critical role of infrastructure in supporting growth and integration of renewable energy sources
- Design and optimization of transmission and distribution networks for renewable energy

Session 9

Hydropower and Future Energies

15:30

Presentation: Introduction to Morocco's hydropower sector and its role in the national energy mix

- Overview of the installed capacity and current contribution to power generation
- How hydropower serves as a major pollution-reducing tool in Morocco's efforts to transition to cleaner energy
- Hydropower's pivotal role in contributing to energy security and meeting the growing demand for electricity

15:45

Afternoon Networking Break

16:10

Project Showcase: Al Wahda, the second-largest dam in Africa

- Discussion on planned future developments, upgrades, or expansions for Al Wahda.
- Exploring the project adaptability to technological advancements and evolving energy needs
- Technical exploration of the reservoir capacity, and the overall infrastructure of the Al Wahda hydro power project

16:35

Technical Presentation: Abdelmoumen Pumped-Storage Power Plant

- Overview of the estimated \$317 million investment in the Abdelmoumen project
- Understanding the operational modes, including pumping and turbine modes, and the plant's capacity to switch between them
- Technical exploration of the waterway infrastructure and tunnels

16:50

Presentation: Global perspectives on Hydropower trends

- Growing investment in hydropower infrastructure projects across different regions
- Collaborative initiatives and best practices in hydropower development on a global scale.
- Increasing adoption of hydropower as a sustainable energy source worldwide

17:15

Presentation: Unlocking Morocco's Critical Minerals potential

- How the energy sector is reshaping global demand for critical minerals
- Insights into the acquisition of 26 exploration permits in Central Morocco
- Overview of exploration terrain, geological significance and historical mining context
- The role of critical minerals supporting the energy transition

17:30

Closing Remarks

19:00

Farewell party



END OF SUMMIT

Our upcoming events & Contact our team



How to access more information on Morocco's renewable market and business opportunities?

Get in touch with us to **request IN-VR's market and regional reports** or for our team of experts to create any customized business intelligence research:

- Market entry report
- Comparative market analysis
- Market competitor analysis
- Legal & regulatory update report



Scan to see the website

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